

**Amendments to the Specification:**

Please add the following new paragraphs after paragraph 98.

[0099] It is understood that the present invention may be embodied in a computer program associated with an EDA tool and stored on a computer readable medium. The program when executed by a computer, analyzes and updates timing data generated by the EDA tool. The program includes code for using the timing data to generate signal and timing waveforms, code for displaying the waveforms and pointers to waveform points of interest in a window of an interactive graphical user interface, code for generating new timing parameters based on edits to the waveforms received from the user, code for updating the EDA tool with new timing parameters, and code for generating and displaying updated signal waveforms using updated timing data received from the EDA tool after the EDA tool generates the updated timing data by compiling, simulating and performing verification analysis using the new timing parameters.